

CONFIDENTIAL

November 9, 1954

MEMORANDUM

TO:

FROM:

SUBJECT: Projects 2-319-E, 3-321-E

DOCUMENT NO. _____
NO CHANGE IN CLASS. ☒
LI DECLASSIFIED _____
CLASS. CHANGED TO: TS S C
NEXT REVIEW DATE: 20 11
AUTH: _____
DATE: 8/10/81 REVIEWER: 037169

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Transmitted herewith are two (2) copies of the "Index of Miniature Electrical Transducers and Actuators -- Instruction Handbook" prepared by [redacted] under the referenced projects. The information contained in the Instruction Handbook actually constitutes a complete report on the current status of these two projects. The status may be summarized as follows:

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1. Literature has been collected from approximately 630 instrument manufacturers.
2. The punched cards to be used for card filing have been designed and procured.
3. The punched card code has been derived and the assignment of codes to individual items is approximately 95% complete.
4. Card files for both transducers and actuators are being combined into a single file wherein the punched card code acts to separate the two.
5. A formula for the Figure of Merit has been derived and ground rules for the computation of the Figure of Merit from manufacturers' literature have been established.

In accordance with ground rules and agreements established since project initiation, the transducer and actuator indices will not include only those devices having a volume of less than 1000 cubic inches.

The period from now until March, 1955, will be utilized for the compilation of the punched card catalog. At the present time trial runs are being conducted to determine the rate at which the punched cards can be prepared. Subsequent to completion of these trial runs, it will be possible to predict quite accurately the time for completion of the punched card catalog. You will be notified as to whether it appears feasible to complete the catalog as of the termination date presently established for this contract.

It is requested the attached Instruction Handbook be reviewed and that any suggestions regarding the Handbook, or corrections thereto be forwarded to us by December 6, 1954.

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